

Dr. Pundru Srinivasa Rao

Ass. Prof.



Education Qualifications: Doctor of Philosophy (Mechanical Engineering)

Specialization: Robotics

ADDRESS:

- B – Block -Room No: 103

JNTUH ID:

89150401-111320

EMAIL:

psrinivasarao_mct@mgit.ac.in

DATE OF JOINING:

04-10-1999

EXPERIENCE - 22 Years

- Teaching -22
- Research -06

SUMMARY:

- Publications - 20
- Conferences - 07
- Honors/Awards - 05

ORCID ID:

- <https://orcid.org/0000-0001-5937-3694>
- World Citation Ranks -05
- Researcher ID: AAI-2404-2020

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- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGITHyderabad>

Membership of Professional Bodies:

1. The Institution of Engineers (India)-Certificate of Fellow(FIE) - FIE LM - F-1284343, 2021
2. Institute for Science, Engineering & Technology Research (ISET Research)- Professional Membership ID: 2021120040, 2021
3. Matrix Institute of Science, Engineering & Research (MISER) - MISER21PM0402, 2021
4. International Association of Engineers (IAENG) - LM - 278752, 2021
5. Indian Society for Technical Education Life Member (ISTE) LM - 35550, 2003

Responsibilities Held at Institution Level:

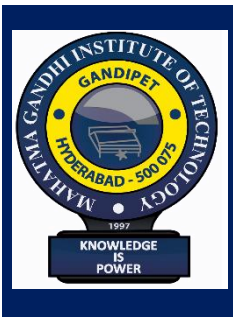
1. Ranking & Accreditation Cell Committee Member

Responsibilities Held at Department Level:

1. Ranking & Accreditation Cell Committee Member

Honors/Awards Received:

1. Best Researcher Award 2021 - Best Researcher Award received from International Scientist Awards on Engineering, Science and Medicine, held on 04 & 05-Dec-2021, Visakhapatnam, India, Organized by VDGGOOD Professional Association (VDGOOD Technology Factory). (https://www.vdgood.org/award_winners/)
2. Research Vibhushan Award 2021 - Award received from ISSN - ISSN Awards 2021 - International Research Vibhushan Award in the field of Mechanical Engineering on 15th August 2021 (<https://oxfordresearchnews.com/2021/08/26/dr-pundru-srinivasa-rao/>) <https://www.youtube.com/watch?v=SAQO-leG5tc>
3. Best Research Paper Award 2021 - Award received from (MISER) Matrix Institute of Science, Engineering & Research on 22nd April 2021. For the paper entitled "Synthesis of 3-PRS Manipulator Based on Revolute and Cone Angle of Spherical Constraints on Range of Rotational Motion of Spherical Joints" J. Inst. Eng. India Ser. C, (SCOPUS), SPRINGER - Print ISSN 2250-0545, (online ISSN 2250-0553) - Vol. 102, Issue 1 (<https://miser.in/aw>)
4. Research Excellence Award 2021 - Award received from (MISER) Matrix Institute of Science, Engineering & Research on 4th June 2021. For the paper entitled "Synthesis of 3-PRS Manipulator Based on Revolute and Cone Angle of Spherical Constraints on Range of Rotational Motion of Spherical Joints" J. Inst. Eng. India Ser. C, (SCOPUS), SPRINGER - Print ISSN 2250-0545, (online ISSN 2250-0553) - Vol. 102, Issue 1 (<https://miser.in/aw>)
5. Best Ph. D Thesis Award 2021 - Award received from (MISER) Matrix Institute of Science, Engineering & Research on 4th June 2021. Title of the Ph. D Thesis "Kinematic Synthesis and Analysis of 3-Degree of freedom Spatial Parallel Manipulator" in the Department of Mechanical Engineering (Robotics). Ph. D Awarded at JNTUK, Kakinada, Dated: 14/10/2020 (<https://miser.in/aw>)



Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Design of Machine Members-I and II , Engineering Mechanics, Engineering Graphics, Machine Drawing, Principles of Machine Design, Advanced Kinematics and Dynamics of Machinery, Mechanics of Solids

Publications:

1. Pundru Srinivasa Rao, "Design a Robot with a Wireless Camera using Remote Monitoring System", 2021 GIS Science Journal, Scopus (ISSN NO : 1869-9391), Vol. 8, Issue 4, April 2021, pp 51-54.
[DOI:20.18001.GSJ.2021.V8I4.21.36876](https://doi.org/10.18001.GSJ.2021.V8I4.21.36876)
2. Pundru Srinivasa Rao, "Design of Automotive Pamper Suspension System", 2021 International Journal of Advance Research, Ideas and Innovations in Technology (ISSN NO : 2454-132X), Referred Journal, Vol. 7, Issue 2, March-April, 2021, pp 135-136. [DOI: V7I2-1199](https://doi.org/10.17712/IJAIT.2021.V7I2.1199)
3. Pundru Srinivasa Rao, "Design a Solar Vehicle with Light Sensor for Physically Challenged People", 2021 Gradiva Review Journal (GRJ), Scopus (ISSN NO : 0363-8057), Vol. 7, Issue 4, March 2021, pp 24-27.
[DOI:10.37897.GRJ.2021.V8I6.21.134](https://doi.org/10.37897.GRJ.2021.V8I6.21.134)
4. Pundru Srinivasa Rao, "Design of Underground Mining Vehicle for Propagation Modeling", 2021 International Research Journal of Engineering and Technology (IRJET), (ISSN: 2395-0072) Vol. 8, Issue 3, March 2021, pp 807-809
5. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Synthesis of 3-PRS Manipulator Based on Revolute and Cone Angle of Spherical Constraints on Range of Rotational Motion of Spherical Joints", 2021 J. Inst. Eng. India Ser. C (Print ISSN 2250 – 0545), (online ISSN 2250-0553), Vol. 102, Issue 01, February 2021, pp 209-219 <https://doi.org/10.1007/s40032-020-00599-y> SCOPUS , SPRINGER, **Citation Rank 25th Percentile**, ORCID ID: <https://orcid.org/0000-0001-5937-3694>
6. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Synthesis of multi-positions 3-prismatic-revolute-spherical manipulator", 2019 J. SN Appl. Sci. (Print ISSN 2523-3963), (online ISSN 2523-3971), (September 2019), 1:1114.
<https://doi.org/10.1007/s42452-019-1085-0> SPRINGER NATURE, **Citation Rank 55th Percentile** Web of Science Researcher ID: **AAI-2404-2020** ORCID ID: <https://orcid.org/0000-0001-5937-3694>
7. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Synthesis of 3-PRS Manipulator Using Exact Method", 2019 J. Inst. Eng. India Ser. C (Print ISSN 2250 – 0545), (online ISSN 2250-0553), Vol. 100, Issue 06, December 2019, pp 1031-1042 <https://doi.org/10.1007/s40032-018-0499-6> SCOPUS , SPRINGER, **Citation Rank 67th Percentile**, ORCID ID: <https://orcid.org/0000-0001-5937-3694>
8. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Spatial Three Degree of Freedom Parallel Manipulator Forward Kinematic Position Analysis", 2018 International Journal of Engineering & Technology(UAE), (ISSN 2227 – 524X) Vol. 7, No. 4.5, (2018), pp 147-150
<https://doi.org/10.14419/ijet.v7i4.5.20032> SCOPUS
9. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Three Degree of Freedom Spatial Parallel Manipulator Inverse Kinematic Position Analysis", 2018 International Journal of Engineering & Technology(UAE), (ISSN 2227 – 524X) Vol. 7, No. 4.5, (2018), pp 98-101
<https://doi.org/10.14419/ijet.v7i4.5.20020> SCOPUS

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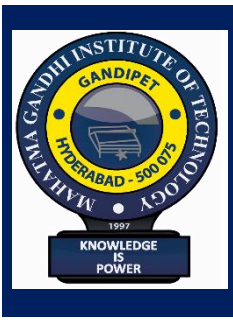
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10. Pundru Srinivasa Rao, “Development of Cognate Mechanisms to Generate Symmetric Coupler Curves to Eliminate Kinematic Singularities of Eight Bar 3 – RRR Planar Parallel Manipulator” 2017 International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278 – 0181), Vol. 6, Issue 06, June 2017, pp. 301-306
<https://doi.org/10.17577/IJERTV6IS060175> UGC Approved Index Google scholar, Research Gate, Elsevier SSRN
11. Pundru Srinivasa Rao, “Forward and Inverse Kinematic Singularity analysis of eight bar 3 – PPP Spatial Parallel Manipulator” 2017 International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278 – 0181), Vol. 6, Issue 06, June 2017, pp. 31-34
<https://doi.org/10.17577/IJERTV6IS060052> UGC Approved Index Google scholar, Research Gate, Elsevier SSRN
12. Pundru Srinivasa Rao, “Forward and Inverse Kinematic Singularity analysis of eight bar 3 – RRR Planar Parallel Manipulator” 2017 International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278 – 0181), Vol. 6, Issue 05, May 2017, pp. 295-297
[DOI: 10.17577/IJERTV6IS050199](https://doi.org/10.17577/IJERTV6IS050199) UGC Approved Index Google scholar, Research Gate, Elsevier SSRN
13. Pundru Srinivasa Rao, “Literature review of Smart Materials/ Actuators/ Sensors in the Design of Smart flexible life saving Robots” 2016 International Journal of Advanced Research in Science, Engineering and Technology (IJARSET) (ISSN on line: 2350 – 0328), Vol. 3, Issue 5, May 2016 , pp. 2034-2040 [Corpus ID: 212485497](https://doi.org/10.17577/IJERTV6IS050199) Index Google scholar
14. Avunoori Anudeep Kumar and Pundru Srinivasa Rao, “Automation of Bottle Manufacturing, Filling and Capping Process using Low Cost Industrial Automation” 2014 International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278 – 0181), Vol. 3, Issue 12, December 2014, pp. 949 – 956 UGC Approved Index Google scholar, Research Gate, Elsevier SSRN
15. Pundru Srinivasa Rao, “Investigation and development of Life Saving Research Robots” 2014 International Journal of Mechanical Engineering and Robotics research (IJMERR) (ISSN: 2278 – 0149), Vol. 3, NO.2, April 2014, pp. 195 -201 Scopus Index Copernicus, Pro Quest, UDL, Google Scholar, Open J-Gate
16. Pundru Srinivasa Rao, “Stiffness and Angular Deflection Analysis of Revolute manipulator” 2014 International Journal of Engineering Research and Applications (IJERA) (ISSN: 2248 – 9622) Vol. 4, Issue 3, March 2014, pp. 445 – 448 UGC Approved Index Copernicus, Pro Quest, UDL, Google Scholar
17. Pundru Srinivasa Rao, “Role of Smart Actuators and Smart Sensors in the Design of Underwater Mobile Manipulators” 2014 International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278 – 0181), Vol. 3, Issue 2, February 2014, pp. 1092 -1096 UGC Approved Index Google scholar, Research Gate, Elsevier SSRN.
18. Pundru Srinivasa Rao and Nalluri Mohan Rao, “Position Analysis of spatial 3-RPS parallel Manipulator” 2013 International Journal of Mechanical Engineering and Robotics Research, (ISSN 2278 – 0149) Vol. 2, No.2, April 2013, pp 80-90 Scopus Index Copernicus, Pro Quest, UDL, Google Scholar, Open J-Gate

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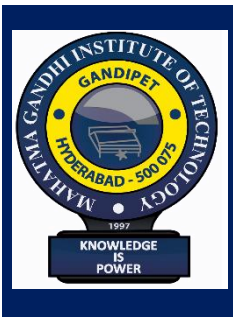
19. P. Srinivasa Rao, "Impact Force Analysis of Valve–Train Clearance Mechanism" 2013 International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278 – 0181), Vol.2, Issue-2, February-2013, pp.1-9 UGC Approved Index Google scholar, Research Gate, Elsevier SSRN
20. P. Srinivasa Rao, "Kinematic Synthesis of Variable Crank-rocker and Drag linkage planner type Five bar Mechanisms with Transmission angle Control" 2013 InInternational Journal of Engineering Research and Applications (IJERA) (ISSN: 2248 – 9622) Vol. 3, Issue 1, January 2013, pp 1246-1257 UGC Approved Index Copernicus, Pro Quest, UDL, Google Scholar

Conferences:

1. Pundru Srinivasa Rao, Presented a paper entitled " Synthesizing Green-Hydrogen by using Electrolysis" in International Conference on Advances in Mechanical Engineering, Industrial Informatics and Management from 25th - 26th February 2022, Organized by National Institute of Technology Raipur
2. Pundru Srinivasa Rao, Presented a paper entitled " Synthesizing Green-Industry by utilizing Green-Hydrogen " in International Conference on WEECON from 23rd - 24th December 2021, pp. 9-10, Organized by ISET Research India (IEI Vietnam) ISBN: 978-81-954872-4-0
3. Pundru Srinivasa Rao, "Design and Analysis of Structural Folding Origami" 2021 International Conference on Recent Trends in Science, Communication and Technology (ICRSCT 2021), from 29th - 30th May 2021, pp.46-48 (ICRSCT2021) [Paper ID: ICRSCTo22](#), ISBN: 978-93-912651-1-3
4. Pundru Srinivasa Rao and Nalluri Mohan Rao, "Kinematic Analysis of 3-Degree of Freedom Spatial Parallel Manipulator", 2013 3rd International Conference on "Recent Advances in Material Processing Technology" held at Department of Mechanical Engineering, National Engineering College, Kovilpatti, Tamil Nadu, from January 7th – 9th, 2013, pp. 268-276 (R13043) - [ISBN: 978-81-904334-2-6](#)
5. P. Srinivasa Rao, "Dynamic Analysis Of Valve-Train Mechanism With Clearances Using Finite Element Method" 2005 International Conference, Proceedings of RAMPT '05, Department of Mechanical Engineering, National Engineering College, K.R. Nagar, Kovilpatti – 628 503. Tamil Nadu, from 23rd – 25th February 2005, pp. 203-209 (RAMPT'05) - [ISBN: 81-7764-785-7](#)
6. Pundru Srinivasa Rao, "Study and desired mitigation process of digitally connected factories", 2020 National Conference on NCRIDMT 2020 held at Department of Mechanical Engineering, Santhiram Engineering College, Nandyal, A.P., on 13th June, 2020, pp. 43-46 (NCME3007) - ISBN: [978-81-945588-5-9](#)
7. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Role of Smart Materials and Actuators/Sensors in the design of Spatial Parallel manipulators", 2013 National Conference on "Advances in mechanical Engineering & Renewable Energy-2013" held at Department of Mechanical Engineering, CBIT, Hyderabad, from March 25-26th, 2013, pp. 9-12 (DO3-AMERE-2013)

Research & Consultancy:

1. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Synthesis of 3-PRS Manipulator Based on Revolute and Cone Angle of Spherical Constraints on Range of Rotational Motion of Spherical Joints", 2021 J. Inst. Eng. India Ser. C (Print ISSN 2250 – 0545), (online ISSN 2250-0553), Vol. 102, Issue 01, February 2021, pp 209-219 <https://doi.org/10.1007/s40032-020-00599-y> SCOPUS , SPRINGER, [Citation Rank 25th Percentile](#), ORCID ID: <https://orcid.org/0000-0001-5937-3694>

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6. Srinivasa Rao Pundru and Mohan Rao Nalluri, "Position Analysis of spatial 3-RPS parallel Manipulator", 2013 International Journal of Mechanical Engineering and Robotics Research, (ISSN 2278 – 0149) Vol. 2, No.2, April 2013, pp 80-90 SCOPUS

Events Organized:

Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. Invited HITAM, Hyderabad, to Present a Guest Lecture on "Design of Machine Members-I" (Fluctuating stresses on machine components and design of cotter and knuckle joints)" for III B. Tech, I-Semester Mechanical Students on 7th January 2022
2. Invited VNRVJIET, Hyderabad, to Present a Guest Lecture on "Engineering Mechanics- Centroid & Centre of gravity" for B. Tech Students on 23rd June 2021.
3. Invited VNRVJIET, Hyderabad, to Present a Guest Lecture on "Engineering Mechanics- Kinetics" for B. Tech Students on 29th May 2020.
4. Invited CMR Engineering College, Hyderabad, to Present a Guest Lecture on "Kinetics" for B. Tech 1st year Mechanical Students on 04/04/2015
5. Invited SBIT, Khammam, to Present a Guest Lecture on "Synthesis & Analysis of Mechanisms" for M. Tech Students during 14th and 15th September 2012

Events Attended:

FDPs/STTPs:

1. Participated in the One Week FDP on AICTE Training and Learning (ATAL) Academy " Intellectual Property Rights in Academia: Creation, Protection, and Commercialization" Organized by Andhra University during February 07-11, 2022 **(one-week)**
2. Participated in the One Week FDP on AICTE Training and Learning (ATAL) Academy " Redemption from Plastic Pollution Indian Railways" Organized by National Rail And Transportation Institute during January 17-21, 2022 **(one-week)**
3. Participated in the One Week FDP on Post Covid Green and Sustainable



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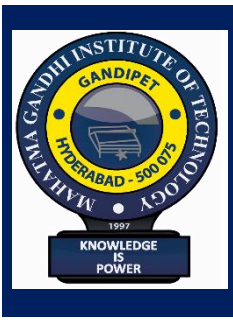
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development practices in Manufacturing Industries Organized by CVRCE - Ibrahimpatan, Sponsored by AICTE during **January 17-21, 2022 (one-week)**

4. Participated in the One Week FDP on AICTE Training and Learning (ATAL) Academy "Introduction to the Mathematical Modelling of Smart Materials and their applications to Sensors and Actuators" Organized by IIT- JAMMU during January 10-14, 2022 **(one-week)**
5. Participated in the One Week FDP on AICTE Training and Learning (ATAL) Academy "Wearable Robotics: Design, Sensing and Support" Organized by Indian Institute of Information Technology Kota during December 24-28, 2021 **(one-week)**
6. Participated in the AICTE-ISTE approved Orientation/Refresher Program on "Innovative Approaches to Improve Startup and Entrepreneurship Development Skills of Young Faculty" Organized by REC, Visakhapatnam during December 18-24, 2021 **(one-week)**
7. Participated in the One Week Workshop on "Recent Trends in Copy Right, Patent Filing and Journal Indexing" Organized by REST Society for Research International (RSRI), Tamil Nadu during October 25-29, 2021 **(one-week)**
8. Participated in the One Week FDP on "Learning Through Virtual Labs for Technical Institutions" Organized by LIET in Association with NITK, Surathkal Sponsored by Virtual Labs (An MoE Govt of India Initiative during October 18-22, 2021 **(one-week)**
9. Participated in the One Week Workshop on "Recent Trends in Research Methodology" Organized by REST Society for Research International (RSRI), Tamil Nadu during October 11-15, 2021 **(one-week)**
10. Participated in the One Week FDP on "Augmented Reality & Virtual Reality" Organized by AISSMSCE, Pune Sponsored by IEEE, Institution of Engineers (India) and ISTE New Delhi during June 21-25, 2021 **(one-week)**
11. Participated in the One Week International FDP on "Applications of Mechanical Engineering" Organized by SVREC, Kurnool, Andhra Pradesh during June 09-14, 2021 **(one-week)**
12. Participated in the AICTE Sponsored STTP on "Make in India: Through 3D Printing and Industry 4.0 for Indian industries - Phase-II" Organized by KCET, Madurai during April 12-17, 2021 **(one-week)**
13. Participated in the AICTE Sponsored STTP Series-1 on "World Class Smart manufacturing Powered by Artificial Intelligence and Mechanical Learning- Industry 4.0" Organized by MEC, Namakkal, Tamil Nadu during January 18-23, 2021 **(one-week)**
14. Participated in the AICTE Sponsored STTP on "Additive Manufacturing for Medical and Aerospace Applications" Organized by SVECW, Bhimavaram, Andhra Pradesh during January 04-09, 2021 **(one-week)**
15. Participated in the AICTE Sponsored FDP Phase-II on "Renewable Energy Intervention in Industry, Commercial and Domestic Application" Organized by RGM CET, Nandyal, Andhra pradesh during December 14-26, 2020 **(Two-Weeks)**
16. Participated in the AICTE Sponsored STTP Slot-1 on "Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges" Organized by MGIT, Hyderabad during August 24-29, 2020 **(one-week)**
17. Participated NPTEL-AICTE funded by ministry of HRD, Govt. of India online Eight week course - Full FDP of one week on "Kinematics of



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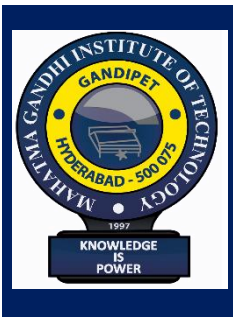
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Mechanisms and Machines” conducted by NPTEL-SWAYAM from Jan-March, 2020. (Roll No: NPTEL20ME21S1150995) **(Full FDP - one - week)**

18. Participated NPTEL-AICTE funded by ministry of HRD, Govt. of India online Eight week course - Full FDP of one week on “Robotics and Control: Theory and Practice” conducted by NPTEL-SWAYAM from Jan-March, 2020. (Roll No: NPTEL20ME03S1226933) **(Full FDP - one - week)**
19. Participated NPTEL-AICTE funded by ministry of HRD, Govt. of India online Eight week course - Full FDP of one week on “Robotics” conducted by NPTEL-SWAYAM from Jul-Sep, 2019. (Roll No: NPTEL19ME74S11400410) **(Full FDP - one - week)**
20. Participated in the One Week Faculty Development Programme on “Finite Element Applications in Mechanical & Civil Engineering” (FEAMCE-2017) organized by the Department of Mechanical Engineering, CBIT, Hyderabad Sponsored by TEQIP II during January 23-28, 2017 **(one-week)**
21. Attended and actively Participated in the AICTE Sponsored FDP on “Latest developments in hydraulics, pneumatics and electronic Control Systems” organized by the department of mechanical Engineering (Mechatronics), Mahatma Gandhi Institute of Technology, Hyderabad, held during 4 – 16 May 2015 **(2– weeks)**
22. Participated in ISTE – SRM ‘Short Term Training Programme on Mechatronics” organized by Mahatma Gandhi Institute of Technology & Sponsored by Indian Society for Technical Education , New Delhi and SRM University, Chennai during 5 – 10 May 2014 **(one-week)**
23. Participated a Audit course on “Intellectual Property Rights and Patents” at Directorate of Research & Development, JNTUK, Kakinada during 16.05.2013 to 30.05.2013 **(2- weeks)**
24. Participated a Audit course on “Research Methodologies” at Directorate of Research & Development, JNTUK, Kakinada during 01.05.2013 to 15.05.2013 **(2- weeks)**
25. Participated in UGC sponsored orientation course on “32nd Orientation Course” organized by university grants commission, UGC Academic Staff college, JNTUH, Hyderabad from 18.03.2013 to 18.04.2013 **(4 – weeks)**
26. Participated in AICTE sponsored short term course on “ Robotics: Mechanics, control sensing, vision and intelligence” organized by precision Engineering and Instrumentation Laboratory, Department of Mechanical Engineering at IIT-Madras from 14th to 18th January, 2013 **(one- week)**
27. Attended a Short Term Course on “Powder Metallurgy” (Sponsored by Powder Metallurgy Association of India) Dept. of Metallurgical and Materials Engineering at Mahatma Gandhi Institute of Technology, Hyderabad during 18.12.2012 to 22.12.2012 **(one-week)**
28. Attended a one week ISTE faculty development program on “Teaching, Learning and Research in Engineering & Technology” organized by ISTE chapter – MGIT, Hyderabad and Industry Institute Partnership cell (IIPC – MGIT, funded by AICTE), during 30th July – 3rd August 2012 **(one-week)**
29. Participated in AICTE Sponsored “Staff Development Programme” organized by the department of mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 07.05.2012 to 19.05.2012 **(2-weeks)**
30. Attended a One-Week Short term Training Program (STTP) on “Mechatronics”- Organized by MGIT, Hyderabad, Association with NIT Warangal, JNTUH Hyderabad & Cyber motion Technologies Pvt. Ltd., duration 12th to 16th July 2010 **(one-week)**



Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Participated in one day Webinar on "Organization on Diet - Secrets Beyond Engineering" Organized by IITE, Indus University, Ahmedabad on 13/01/2022 (one-day)
2. Participated in one day Webinar on " IP Awareness/Training program under NIPAM (National IP Awareness Mission)" Organized by Intellectual Property Office - India on 08/01/2022 (one-day)
3. Participated in one day Webinar on " Polygeneration an Innovative Method for Energy and Power " Organized by CBIT, Hyderabad held on 13th November 2021 (one-day)
4. Participated in one day Webinar on "Essential Tips for Publishing in High Impact Journals" Organized by Researcher Academy on Campus at Cell Press held on 8th September 2021 (one-day)
5. Participated in the One Week FDP on "Emerging Trends in Mechanical Engineering" Organized by PMCTECH, Tamil Nadu Sponsored by SAE INDIA during May 28-31, 2021 (3-days)
6. Participated in one day Webinar on "World Environment Day 2021" Organized by The Institution of Engineers (India), Kanchepuram held on 5th June 2021 (one-day)
7. Participated in one day Webinar on Webinar on "The Role of Public Transport in Preventing Air Pollution" Organized by The Institution of Engineers (India), Telangana State Centre Sponsored by Hyderabad Clean Air Network held on 25th April 2021 (one-day)
8. Participated in one day Workshop on "NIRF for Higher Educational Institutions" Organized by UGC, HRDC, JNTUH, Hyderabad held on 6th February 2021 (one-day)
9. Participated in one day Webinar on "Awareness Webinar on Outcome Based Education and Accreditation (OBE&A)" Organized by NBA in Association with JNTUH, Hyderabad held on 25th November 2020 (one-day)
10. Participated in one day Webinar on "A Practical Approach on Industry 4.0 & It's Implementation in Smart Factories" Organized by MGIT, Hyderabad Sponsored by MTAB Technology, Chennai held on 26th July 2020 (one-day)
11. Participated in the 5-Day FDP on "Mechanical Behaviour of Advanced Materials and Its scope for Engineering Applications" Organized by SVCE, Sriperumbudur Sponsored by Institution's Innovation council (Mnistry of HRD Initiative) during June 10-14, 2020 (5-Days)
12. Participated in the FDP on "Blended Learning" Conducted by TASK (Telangana Academy for Skill and Knowledge) during May 20-23, 2020 (4-Days)
13. Participated in one day Webinar on "Functionally Graded Materials Processing & Application" Organized by SJIT, Chennai Sponsored by SAE India held on 10th June 2020 (one-day)
14. Participated in one day Webinar on "Lean Six Sigma" Organized by SJIT, Chennai Sponsored by IEI Kanchipuram Local Centre held on 8th June 2020 (one-day)
15. Participated in one day Webinar on "How to write a Paper for Research" Organized by Bansal Institute of Engineering and Technology, Lucknow held on 8th June 2020 (one-day)
16. Participated in one day Webinar on "Sustainable Manufacturing in industry 4.0" Organized by KCG College of Technology Sponsored by Hindustan Group of Institution held on 6th June 2020 (one-day)
17. Participated in one day Webinar on "Communication Spacecraft Present Scenario" Organized by PMIST Sponsored by The Institution of Engineer

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JNTUH ID:

89150401-111320

EMAIL:

psrinivasarao_mct@mgit.ac.in

DATE OF JOINING:

04-10-1999

EXPERIENCE - 22 Years

- Teaching -22
- Research -06

SUMMARY:

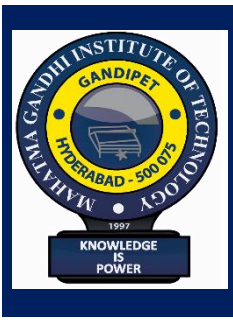
- Publications - 20
- Conferences - 07
- Honors/Awards - 05

ORCID ID:

- <https://orcid.org/0000-0001-5937-3694>
- World Citation Ranks -05
- Researcher ID: AAI-2404-2020

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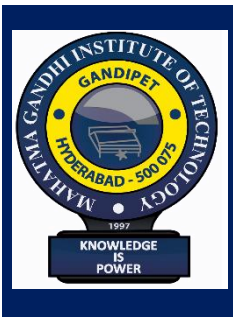
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- <https://twitter.com/MGITHyderabad>

- (India) Thanjavur Local Centre held on 6th June 2020 (one-day)
18. Participated in one day Webinar on "Tools for Effective Research Writing" Organized by the department of Mechanical Engineering, SJIT Chennai Sponsored by IEI Kanchipuram Local Centre held on 29th May 2020 (one-day)
 19. Participated in one day Webinar on "Emerging Business Opportunities and challenges in the Post Covid Scenario" Organized by the department of Mechanical Engineering, Bharath Institute of Higher Education and Research, Chennai held on 23rd May 2020 (one-day)
 20. Participated in one day Webinar on "Future of Scope of Electric Vehicle" Organized by AMZ Automotive held on 23rd May 2020 (one-day)
 21. Participated in one day Webinar on "Future Industrial robotics Collaborated with artificial intelligence" Organized by the department of Mechanical Engineering, SJIT Chennai Sponsored by AGIIT, Chennai held on 22nd May 2020 (one-day)
 22. Participated in one day Webinar on "New Higher Education Policy and Digitization of Education" Organized by Dr. Babasaheb Ambedkar Technological University under TEQIP-3 held on 17th May 2020 (one-day)
 23. Participated in Workshops on Intellectual property rights Organized by IPPO and Pandit Deendayal Petroleum University 10th & 11th April 2020 (2-Days)
 24. Participated in the AICTE sponsored two day National Seminar on "Machinery Vibration analysis (MVA-2017) Organized by the department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 5th & 6th October, 2017 (2-Days)
 25. Participated in the two day National Workshop on "Vibration analysis and Condition monitoring of Machines" (VACMM -2015) organized by the department of mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 9th & 10th January 2015 (2-Days)
 26. Participated in Faculty Development Programme on "Project Management from an Industry perspective" at Mahatma Gandhi Institute of Technology, Hyderabad held on 8th March 2014 (one-day)
 27. Participated a Two Day Workshop on "Recent Trends in Manufacturing (RTM-2013)" at Chaitanya Bharathi Institute of Technology, Hyderabad Under TEQIP-II, Supported by IIPC & ISTE during 29th & 30th July 2013 (2-Days)
 28. Participated in one day workshop on "Anti-plagiarism software – Turnitin" in JNT University Kakinada, Kakinada Sponsored by Director, R & D, JNTUK on 14th July 2012 (one-day)
 29. Participated "One Day Seminar on Innovation and Technology for Sustainable Development" at Mahatma Gandhi Institute of Technology, Hyderabad Sponsored by IIPC-AICTE on 12th April 2012 (one-day)
 30. Attended a Two day workshop on NANO-2012 at Chaitanya Bharathi Institute of Technology, Hyderabad Sponsored by TEQIP during 27th & 28th February 2012 (2-Days)
 31. Attended "A One Day Workshop on e-Teaching for Engineering Faculty" Organized by JNTU, Hyderabad on 2nd July 2011 (one-day)

Conferences

1. Attended a International Conference on Advances in Mechanical Engineering, Industrial Informatics and Management, Organized by National Institute of Technology Raipur from 25th - 26th February 2022
2. Attended a International Conference on WEECON, Organized by ISET Research India (IEI Vietnam) from 23rd - 24th December 2021



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3. Attended a International Conference on Recent Trends in Science, Communication and Technology (ICRSCT 2021), from 29th - 30th May 2021
4. Attended a National Conference on “Advances in mechanical Engineering & Renewable Energy-2013” held at Department of Mechanical Engineering, CBIT, Hyderabad, from March 25-26th, 2013
5. Attended a 3rd International Conference on “Recent Advances in Material Processing Technology” held at Department of Mechanical Engineering, National Engineering College, Kovilpatti, Tamil Nadu, from January 7th – 9th, 2013
6. Attended a International Conference, Proceedings of RAMPT '05, Department of Mechanical Engineering, National Engineering College, K.R. Nagar, Kovilpatti – 628 503. Tamil Nadu, from 23rd – 25th February 2005

Online Certifications:

Coursera.org

1. Coursera: Machine design Part I, an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera and the course was completed on 14/5/2021. coursera.org/verify/DYP6KURK2AMC
2. Coursera: Mechanics: Motion, Forces, Energy and Gravity from particles to Planets, an online non-credit course authorized by UNSW Sydney (The University of New South Wales) and offered through Coursera and the course was completed on 17/5/2020. coursera.org/verify/WW96PHSQCEBW
3. Coursera: Mechanics of Materials-II: Thin-Walled Pressure Vessels and Torsion, an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera and the course was completed on 17/5/2020. coursera.org/verify/XVLHQXRB66QC
4. Coursera: Applications in Engineering Mechanics an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera and the course was completed on 12/5/2020. coursera.org/verify/HD2RVEQH22B4
5. Coursera: Mechanics of Materials-IV: Deflections, Buckling, Combined Loading & Failure Theories, an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera and the course was completed on 12/5/2020. coursera.org/verify/VSDCSWAPZ9SX
6. Coursera: Mechanics of Materials-III: Beam Bending, an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera and the course was completed on 10/5/2020. coursera.org/verify/964CTVEFBENY
7. Coursera: Mechanics of Materials-I: Fundamentals of Stress & Strain and Axial Loading, an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera and the course was completed on 7/5/2020. coursera.org/verify/T5D5PDZLKCTW
8. Coursera: Intelligent Machining, an online non-credit course authorized by University of Buffalo and The State University of New York (SUNY) and offered through coursera and the course was completed on 04/5/2020. coursera.org/verify/8XR3Y45DUV43
9. Coursera: Introduction to Engineering Mechanics, an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera and the course was completed on 2/5/2020. coursera.org/verify/ESNQ88PCY2Y9



Any Other Contribution:

1. Completed online 8 - week course on “Kinematics of Mechanisms and Machines” with Score 73% conducted by NPTEL-SWAYAM (Funded by Ministry of HRD, Govt. of India) in Jan- Mar, 2020. (Roll No: NPTEL20ME21S1150995)
2. Completed online 8 - week course on “Robotics and Control: Theory and Practice” with Score 75% conducted by NPTEL-SWAYAM (Funded by Ministry of HRD, Govt. of India) in Jan- Mar, 2020. (Roll No: NPTEL20ME03S1226933)
3. Completed online 8 - week course on “Robotics” conducted by NPTEL-SWAYAM and awarded with Elite + Silver Certificate in Jul-Sep, 2019. (NPTEL19ME74S11400410)
4. **Received Special Invitation:** Invited The's Global Academic Reputation Survey (I have been selected based on my record of research publication) to take part in the next Times Higher Education "**World University Rankings**" by completing THE's Academic Reputation Survey, received on Feb 13, 2022 & Survey report submitted on Feb 16, 2022
5. Dr. Pundru Srinivasa Rao working as Faculty of mechanical Engineering, Department of Mechanical Engineering, MGIT, Hyderabad-500075, India. Awarded Ph. D in Mechanical Engineering (Robotics) at JNTUK, Kakinada on October-2020. Did M.E, M.D at Andhra University, Visakhapatnam on 1996. Mail id: srinupundru@gmail.com and Cell number: 9848906868
Web of Science Researcher ID: [AAI-2404-2020](#) and **ORCID Number** <http://orcid.org/0000-0001-5937-3694>

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